

**DECLARATION**

AS THE BELOW NAMED INVENTORS, we declare that:

Our residence, post office address, and citizenship are as stated next to our names. We believe that we are the original, or an original, first and joint inventor, of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: 4X DESIGN FOR WIRELESS LOCAL AREA NETWORK THROUGHPUT ENHANCEMENT☐ the specification of which either is attached or otherwise accompanies this Declaration, or☐ is attached to the application being filed _____, 2004.☒ was filed in the U.S. Patent and Trademark Office on 01/21/2004, and assigned Serial No. _____.☒ and (if applicable) was amended on 03/12/2004.

We state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. We further acknowledge, in the case of any application filed pursuant to Title 35, United States Code, § 120 (and which discloses and claims subject matter in addition to that disclosed in the prior copending application), the duty to disclose all information known to the persons to be material to patentability as defined in 37 C.F.R. § 1.56 which information became available between the filing date of the prior application and the national or PCT international filing date of the subject 35 U.S.C. § 120 application.

We claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	(Application Number)	(Country)	(Day/Month/Year filed)
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We claim the benefits under Title 35, United States Code, § 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(STATUS: patented, pending, abandoned)
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We appoint the following attorneys, Practitioners at Customer Number 23494, to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue, or reexamination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon. We request that all correspondence be addressed to:


Warren L. Franz
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, Texas 75265
Telephone: (972) 917-4161

WE DECLARE that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTORS' DECLARATION
Page 2

Attorney Docket No. TI-35563

CO-INVENTOR: Itay Sherman Citizenship: Israel
Co-Inventor's signature:  Date: 8/15/04
Residence and Post Office Address: 4 Stimatsky St., Tel Aviv, Israel 69362

CO-INVENTOR: Lior Ophir Citizenship: ISRAELI
Co-Inventor's signature:  Date: 8/15/04
Residence and Post Office Address: 34 Neta Oved St., Herzeliya, Israel 46602

CO-INVENTOR: Igor Royzis Citizenship: _____
Co-Inventor's signature: _____ Date: _____
Residence and Post Office Address: 8 Haemek St., Kfar Yona, Israel 40300

CO-INVENTOR: Fredy Rabih Citizenship: ISRAELI
Co-Inventor's signature:  Date: 8/15/04
Residence and Post Office Address: 12 Kosovski St., Tel Aviv, Israel 62917

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CO-INVENTOR: Itay Sherman Citizenship: Israel

Co-Inventor's signature: _____ Date: _____
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CO-INVENTOR: Lior Ophir Citizenship: _____

Co-Inventor's signature: _____ Date: _____
Residence and Post Office Address: 34 Neve-Oved St., Herzeliya, Israel 46602

CO-INVENTOR: Igor Royzis Citizenship: ISRAEL

Co-Inventor's signature:  Date: 12/7/2004
Residence and Post Office Address: 8 Haemek St., Kfar Yona, Israel 40300

CO-INVENTOR: Fredy Rabin Citizenship: _____

Co-Inventor's signature: _____ Date: _____
Residence and Post Office Address: 12 Kosovski St., Tel Aviv, Israel 62917